TRANSMITTAL FORM FOR FILING PATENT APPLICATION

Attorney Docket No.: COLB-124XX

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP

Ten Post Office Square Boston, Massachusetts 02109 Telephone: (617) 542-2290 Telecopier: (617) 451-0313

Express Mail No: EV 044749455 US

Date: September 29, 2003

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

application.

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP

TRL (617) 542-2290 FAX (617) 451-0313

First Named Inventor or Application

Identifier: Tzachi Rafaeli

Sir:

Transmitted herewith	under	37	CFR	§ :	1.53	for	filing	is	the	patent	application	of:
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Inventors: Tzachi Rafaeli; Isaac Mazor

Entitled: OPTICAL ALIGNMENT OF X-RAY MICROANALYZERS

[]	This is a request for filing a [] continuation [] divisional [] continuation in-part application under §1.53(b) of prior Application No, filed, entitled:
Enclo	osed are:
•	18 pages of written description, claims and Abstract, inclusive
[X]	2 sheets of [] informal [X] formal drawings of Figs. 1A-2 (one set)
[X]	Oath or Declaration [X] Newly executed (original or copy) [] Copy from prior application (37 CFR 1.63(d)) (for continuation/divisional). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. [] To be filed later
[X]	Cover sheet and Assignment of the invention to: Jordan Valley Applied Radiation Ltd. including a check in the amount of \$40.00 for recordation fee.
[]	Certified copy of a application (if foreign priority is claimed) with letter claiming priority under Rule 55.
[]	Information Disclosure Statement with citations enclosed.
[]	Preliminary amendment is enclosed.
[X]	Return receipt postcard
[X]	Small entity status is entitled to be, and hereby is, asserted for this

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TRANSMITTAL FORM FOR FILING PATENT APPLICATION (CONTINUED)

[]	Other:							
[]	Priority is claimed under 35 USC § 120 as indicated on the attached sheet 4.							
[]	Priority is claimed under 35 USC §119(a)-(d) as indicated on the attached sheet 4.							
[]	Priority is claimed under 35 USC §119 (e) as indicated on the attached sheet 4.							
[]	is hereby appointed Associate Attorney by: Registration No.:							
	Attorney of Record: Registration No.:							
[]	Power of Attorney in the originally-filed application has been one or more of the registered attorneys listed below. The at below not previously granted power in the originally-filed a well as, are hereby given assowed Registration No.:	pplication, as						
	Stanley M. Schurgin, Reg. No. 20,979 Charles L. Gagnebin III, Reg. No. 25,467 Victor B. Lebovici, Reg. No. 30,864 Beverly E. Hjorth, Reg. No. 32,033 Holliday C. Heine, Reg. Reg. No. 25,467 James F. Thompson, Reg. No. 32,033	Reg. No. 38,973						
[]	Cancel in this application original claimsapplication before calculating the filing fee.	of the prio						
[]	Add in this application claims per amendment befiee.	ore calculating						
<u></u>	CLAIMS FILED: MINUS BASE: EXTRA CLAIMS: RATE:	BASIC FEE:						
	CLAIMS FILED: MINUS BASE: EXTRA CLAIMS.	\$750.00						

	MATATIC	DACE.	EXTRA CL	AIMS:	RATE:	BASIC FEE:
CLAIMS FILED:	MINUS	BASE:				\$750.00
Independent	4 -	3	=	1	x \$84.00 =	84.00
Total	18 -	20	=	0	x \$18.00 =	0
[] Multiple De	ependent	Claims (lst presen	tation)	+ \$280.00 =	0
				SUBTOTAL	FILING FEE	\$834.00
	- divido	by 2 (Sn			t be asserted.)	\$417.00
Small Entity fili	ng, divide	. Dy 2. (Oil	1		FILING FEE	\$417.00

Sheet 3 of 4

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TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

- [X] The filing fee has been calculated above; a check in the amount of \$417.00 is enclosed.
- [] The filing fee will be submitted at a later date.
- [X] In the event a Petition for Extension of Time under 37 CFR §1.17 is required by this paper and not otherwise provided, such Petition is hereby made and authorization is provided herewith to charge Deposit Account No. 23-0804 for the cost of such extension.
- [X] The Commissioner is hereby authorized to charge payment of any additional filing fees under 37 CFR §1.16 associated with this communication or credit any overpayment to Deposit Account No. 23-0804.
- [X] Customer Number 207

which is associated with the Law Firm of: WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP

Ten Post Office Square Boston, Massachusetts 02109

United States

Telephone: (617) 542-2290 Fax: (617) 451-0313

Attorney of Record: Charles L. Gagnebin III

Registration No. 25,467

Attorney Docket No.: COLB-124XX

TRANSMITTAL FOR FILING PATENT APPLICATION (CONTINUED)

[]	Priority is claimed under 35 US No filed	C § 120 of prio , ent:			
	[] The above-identified a	application(s)	s/are assigned of record to:		
[] appli	Priority is claimed under 35 US cation(s).	C § 119 (a)-(d)	of the following		
	(Application Number) (Country	y)	(Filing Date)		
	(Application Number) (Countr	y)	(Filing Date)		
	(Application Number) (Countr	y)	(Filing Date)		
-	[] The above-identified	application(s)	is/are assigned of record to:		
[] appli	Priority is claimed under 35 cation(s).	USC § 119 (e)	of the following provisional		
	(Application Number)	(Filing Date)	· · · · · · · · · · · · · · · · · · ·		
	(Application Number)	(Filing Date)			
	(Application Number)	(Filing Date)			
	[] The above-identified	provisional ap	plication(s) is/are assigned		

SUBMIT IN TRIPLICATE

of record to:

CLG/mc/296630-1

WEINGARTEN, SCHURGIN, GAGNEBIN & LEBOVICI LLP TEL (617) 542-2290 PAK (617) 451-0313